ESPRIMO™ E Series
Economy
in Small Form Factor

Issue September 2007

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Economy

Sophisticated technologies for best in class economy.

Reduce cost of your professional PC by lowest energy consumption! The switched monitor outlet powers the display through the system. Switching off the systems means disconnecting the display, this saves up to ~ 20 % of the display power consumption annually. Additionally, software and BIOS power management solutions reduce the overall average power consumption.

Further Total Cost of Ownership reductions are achieved through a comprehensive set of manageability features, sophisticated security solutions and a service friendly cabinet design.

For highest economy, ESPRIMO professional PCs are designed to increase your productivity and to decrease your cost.

Reliability
- Complete system development and manufacturing by Fujitsu Siemens Computers guarantees highest quality
- Platform stability and product continuity with managed lifecycle up to 18 month and chipset diversity

Environment
- Build with specially selected materials, the ESPRIMO Green PC brings economy and ecology in harmony
- From development to production, from transport to recycling –minimize the impact on the environment and limit the use of unrecoverable resources.

Ergonomics
- Sophisticated hardware design with optimized fans and air flow provides most silent system for an efficient working environment
- Best usability and complete quality – service friendly cabinet and easy access to all components

Customizing
- Tailor-made products to meet customer individual requirements
- Freedom of choice with systems which perfectly fit to specific customer

Manageability
- Reduce Total Cost of Ownership with a comprehensive set of system management features
- Easy and remote administration with DeskView client management

Security
- Access and data protection with sophisticated hardware and software components for secure systems
- Protect property – secure hardware and data and limit access with SmartCard Reader

New design with new platform

	E5915	E5916	E5615, EPA	E5615	E5616	E5710	E5720	E5720, EPA	E5925 vPro	E5925 vPro, EPA
Mainboard										
Chipset	iQ965	iQ965 iAMT	NVIDIA C51PV	NVIDIA C51PV	NVIDIA C51PV	ATI Radeon® Xpress 1100	iQ33	iQ33	iQ35 vPRO	iQ35 vPRO
Mainboard Number	D2344	D2348	D2464-A	D2464-A	D2464-B TPM	D2454	D2594	D2594	D2598	D2598
Mainboard form factor	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary	proprietary
Processor socket	LGA 775	LGA 775	Socket AM2	Socket AM2	Socket AM2	LGA 775	LGA 775	LGA 775	LGA 775	LGA 775
Front side bus resp. system bus support	533/800/1066 MHz	533/800/1066 MHz	2000 MHz	2000 MHz	2000 MHz	533/800/1066 MHz	800/1066/1333 MHz	800/1066/1333 MHz	800/1066/1333 MHz	800/1066/1333 MHz
BIOS version	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0	Phoenix Vers. 6.0
Flash EPROM BIOS update by software	x	x	x	x	x	x	x	x	x	x
Recovery BIOS	x	x	x	x	x	x	x	x	x	x
Processor										
Intel® Core™2 Duo	up to E6700	up to E6700	-	-	-	up to E6700	up to E6850	up to E6850	up to E6850	up to E6850
Second level cache	2MB/4MB	2MB/4MB	-	-	-	2MB/4MB	4MB	4MB	4MB	4MB
Front side bus (FSB)	1066MHz	1066MHz	-	-	-	1066MHz	1333MHz	1333MHz	1333MHz	1333MHz
Intel® Core™2 Duo	up to E4400	up to E4400	-	-	-	up to E4400	up to E4400	up to E4400	up to E4400	up to E4400
Second level cache	2MB	2MB	-	-	-	2MB	2MB	2MB	2MB	2MB
Front side bus (FSB)	800MHz	800MHz	-	-	-	800MHz	800MHz	800MHz	800MHz	800MHz
Intel® Pentium™ Dual core	up to E2160	up to E2160	-	-	-	up to E2160	up to E2160	up to E2160	up to E2160	up to E2160
Second level cache	1MB	1MB	-	-	-	1MB	1MB	1MB	1MB	1MB
Front side bus (FSB)	800MHz	800MHz	-	-	-	800MHz	800MHz	800MHz	800MHz	800MHz
Intel® Celeron	up to 440	up to 440	-	-	-	up to 440	up to 440	up to 440	up to 440	up to 440
Second level cache	512 KB	512 KB	-	-	-	512 KB	512 KB	512 KB	512 KB	512 KB
Front side bus (FSB)	533 MHz	533 MHz	-	-	-	800 MHz	800 MHz	800 MHz	800 MHz	800 MHz
AMD Athlon™ 64 X2 (socket)	-	-	up to 5200+ (AM2)	up to 5200+ (AM2)	up to 5200+ (AM2)	-	-	-	-	-
Second level cache	-	-	2 x 512 KB	2 x 512 KB	2 x 512 KB	-	-	-	-	-
System Bus support	-	-	2000 MHz	2000 MHz	2000 MHz	-	-	-	-	-
AMD Athlon™ 64 (socket)	-	-	3800+ (AM2)	3800+ (AM2)	up to 3800+ (AM2)	-	-	-	-	-
Second level cache	-	-	512 KB	512 KB	512 KB	-	-	-	-	-
System Bus support	-	-	2000 MHz	2000 MHz	2000 MHz	-	-	-	-	-
AMD Sempron™ (socket)	-	-	3600+ (AM2)	3600+ (AM2)	3600+ (AM2)	-	-	-	-	-
Second level cache	-	-	256 KB	256 KB	256 KB	-	-	-	-	-
System Bus support	-	-	1600MHz	1600MHz	1600MHz	-	-	-	-	-
AMD Athlon™ X2 (socket) Energy efficient	-	-	BE-2350 (AM2)	BE-2350 (AM2))	BE-2350 (AM2)	-	-	-	-	-
Second level cache	-	-	2 x 512 KB	2 x 512 KB	2 x 512 KB	-	-	-	-	-
System Bus support	-	-	2000 MHz	2000 MHz	2000 MHz	-	-	-	-	-
Memory										
Memory support	533/667/800 MHz	533/667/800 MHz	533/667/800 MHz	533/667/800 MHz	533/667/800 MHz	533/667 MHz	667/800 MHz	667/800 MHz	667/800 MHz	667/800 MHz
DIMM slots	4	4	4	4	4	2	4	4	4	4
dual channel support	x	x	x	x	x	-	x	x	x	x
Max. capacity DDR2 SDRAM	8GB	8GB	8GB	8GB	8GB	4GB	8GB	8GB	8GB	8GB
for dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same						4GB address space (with future memory modules). Thereof, max. 3.0GB usable for physical main memory.				
Interfaces										
Mouse/keyboard (PS2)	x/x	x/x	x/x	x/x	x/x	x/x	x / x	x / x	x / x	x / x
Serial (9pi, 16 byte FIFO, 16550 compatible)	x	x	x	x	x	x	x	x	x	x
Second serial port	x	x	x	x	x	x	x	x	x	x
Parallel (25pin with EPP and ECP)	-	-	-	-	-	-	optional	optional	optional	optional
Display (15 pin, VGA)	x	x	x	x	x	x	x	x	x	x
DVI	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Micro (mono) rear	-	-	-	-	-	-	-	-	-	-
Line in (stereo) rear	x	x	x	x	x	x	x	x	x	x
Line out (stereo) rear	x	x	x	x	x	x	x	x	x	x
Micro (mono) front	x	x	x	x	x	x	x	x	x	x
Headphone in front	x	x	x	x	x	x	x	x	x	x
LAN RJ45	x	x	x	x	x	x	x	x	x	x
Universal Serial Bus (USB 2.0) in total	10	10	8	8	8	10	12	12	12	12
therefore USB rear	6	6	4	4	4	6	6	6	6	6
USB front	2	2	2	2	2	2	2	2	2	2
USB internal	2	2	2	2	2	2	4	4	4	4
Interfaces add on cards/components										
Dual port RS232 , serial	optional	optional	Optional	optional	optional	optional	optional	optional	optional	optional
eSATA cable	-	-	-	-	-	-	optional	optional	optional	optional
Parallel cable (25pin with EPP and ECP)	-	-	-	-	-	-	optional	optional	optional	optional

	E5915	E5916	E5615, EPA	E5615	E5616	E5710	E5720	E5720, EPA	E5925 vPro	E5925 vPro, EPA
Multicardreader	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
LAN on board										
10/100/1000 MBit/s	Broadcom BCM5755	Intel® 82566DM	NVIDIA C51PV	NVIDIA C51PV	NVIDIA C51PV	Realtek RTL8110	Broadcom BCM5754	Broadcom BCM5754	Intel® 82566DM	Intel® 82566DM
Wake up on LAN (WOL)	x	x	x	x	x	x	x	x	x	x
PXE	x	x	x	x	x	x	x	x	x	x
BootP	tested	tested	tested	tested	tested	tested	tested	tested	tested	tested
LAN add on cards										
Gigabit Ethernet, SysKonnect	optional	optional	optional,	optional	optional	optional	optional	optional	optional	optional
Audio on board										
Internal speaker supports audio playback	x	x	x	x	x	x	x	x	x	x
High definition audio	Realtek ALC 260	Realtek ALC 260	Realtek ALC 260	Realtek ALC 260	Realtek ALC 260	Realtek ALC 260	Realtek ALC 262	Realtek ALC 262	Realtek ALC 262	Realtek ALC 262
I/O controller onboard										
Fast IDE/Ultra DMA-100 bus master capability	-	-	-	-	-	-	-	-	-	-
Serial ATA / thereof eSATA	4 / 0	4 / 0	4 / 0	4 / 0	4 / 0	4 / 0	4 / 2	4 / 2	4 / 2	4 / 2
Serial ATA II / 3GBit	x/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x
Raid 1/0	-	x	x	x	x	-	-	-	x	x
Drive bays	3	3	3	3	3	3	3	3	3	3
internal 3,5"	1	1	1	1	1	1	1	1	1	1
external 3,5"	1*	1*	1*	1*	1*	1*	1*	1*	1*	1*
external 5,25"	1*	1*	1*	1*	1*	1*	1*	1*	1*	1*
	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"	* optional internal 3.5"
Floppy disk drive 1.44 MB standard	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Hard disk drives										
Serial ATA II 80 / 160 / 250 GB supporting NCQ and 3GBit (if chipset support is available)	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x	x/x/x
Optical drives (IDE)										
24/10/24/8-speed ATAPI CD RW / DVD ROM slim	-	-	-	-	-	-	-	-	-	-
DVD+/-RW writer slim	-	-	-	-	-	-	-	-	-	-
Optical drives (SATA)										
16/48-speed DVD ROM	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
48/24/48/16-speed CD-RW / DVD ROM	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
DVD SuperMulti writer double layer support	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Slots										
PCI	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile	2 (190 mm) low profile
PCI Express x16	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile
PCI Express x1	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile	1 (210 mm) low profile
	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional	1 PCI Express x16 low profile (190mm) and 2 PCI full height (174/210 mm) optional
Graphic on board	Intel® GMA 3000	Intel® GMA 3000	NVIDIA C51PV (Geforce 6150LE)	NVIDIA C51PV (Geforce 6150LE)	NVIDIA C51PV (Geforce 6150LE)	ATI RC415	Intel® GMA 3100	Intel® GMA 3100	Intel® GMA 3100	Intel® GMA 3100
Shared memory depending on driver	up to 256MB	up to 256MB	up to 256MB	up to 256MB	up to 256MB	up to 256MB	up to 256MB	up to 256MB	up to 256MB	up to 256MB
Resolution (color depth up to 32 Bit/pixel)										
1024 x 768 (recommended / max*)	85 / 120 Hz	85 / 120 Hz	120 / 200 Hz	120 / 200 Hz	120 / 200 Hz	85 / 120 Hz	85 / 120 Hz	85 / 120 Hz	85 / 120 Hz	85 / 120 Hz
1280 x 1024 (recommended / max*)	85 / 120 Hz	85 / 120 Hz	100 / 150 Hz	100 / 150 Hz	100 / 150 Hz	85 / 120 Hz	85 / 120 Hz	85 / 120 Hz	85 / 120 Hz	85 / 120 Hz
1600 x 1200 (recommended / max*)	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz	85 / 100 Hz
1440 x 900 widescreen TFT (VGA / DVI)	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x
1680 x 1050 widescreen TFT (VGA / DVI)	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x
1920 x 1200 widescreen TFT (VGA / DVI)	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x
* refresh rates reflect the max. graphics capabilities. Video quality can be deteriorated when using maximum settings. For TFT we recommend to use 60Hz										

	E5915	E5916	E5615, EPA	E5615	E5616	E5710	E5720	E5720, EPA	E5925 vPro	E5925 vPro, EPA
Graphic add on cards										
NVIDIAGeForce FX 7300LE 128MB, LP	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
NVIDIAGeForce FX 7300LE 256MB, LP	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
NVIDIAGeForce FX 7300LE 128MB	-	-	-	-	-	-	-	-	-	-
NVIDIAGeForce FX 7300LE 256MB	-	-	-	-	-	-	-	-	-	-
DVI adapter incl. Dual Monitoring (DVI/VGA)	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Dual-DVI adapter incl. Dual Monitoring (DVI/DVI)	optional	optional	-	-	-	-	optional	optional	optional	optional
Electrical values			80+ PSU					80+ PSU		80+ PSU
Rated voltage range, AC	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V	100 - 240 V
Rated frequency range	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Operating voltage range, AC	90 - 264 V	90 - 264 V	90 - 264 V	90 - 264 V	90 - 264 V	90 - 264 V	90 - 264 V	90 - 264 V	90 - 264 V	90 - 264 V
Operating line frequency range	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz	47 - 63 Hz
Max. output of power supply	270 W	270 W	300W	270 W	270 W	270 W	270 W	300W	270 W	300W
PFC (power factor correction)	active	active	active	active	active	active	active	active	active	active
Monitor outlet	yes, switched	yes, switched	yes, switched	yes, switched	yes, switched	yes, switched	yes, switched	yes, switched	yes, switched	yes, switched
Power consumption for standard configuration (W) / CPU (1GB memory, HD, ODD, FDD, Operating system)	E6400	E6400	Athlon 64 X2 5200+	Athlon 64 X2 4200+	Athlon 64 X2 4200+	E6400	Celeron 430; E6850	Celeron 430; E6850	Celeron 430; E6850	Celeron 430; E6850
Maximum (S0, running app. CD in use)	94W	94W	102W	102W	102W	78W	69W/ 100W	62W / 90W	72W/ 101W	63 W / 89W
Average (S0, running OS, Idle mode)	61W	60W	43W	47W	47W	54W	52W / 53W	44W / 45W	51W / 52W	45W / 45W
Stand by (S3, energy saving modus, WOL enabled)	2,9W	2,2W	2,7W	2,8W	2,8W	2,2W	1,6W	1,6W	1,8W	1,8W
Minimum (ACPI status S5, soft off, **WOL enabled**)	1,7W	1,6W (7,2W iAMT enabled)	1,1W	1,2W	1,2W	1,6W	1,5W	1,5W	1,7W	1,6W
Heat dissipation (kJ/h / BTU/h) / CPU	E6400	E6400	Athlon 64 X2 5200+	Athlon 64 X2 4200+	Athlon 64 X2 4200+	E6400	E6850	E6850	E6850	E6850
Maximum (S0, running app. CD in use)	338 kJ/h / 320BTU/h	338 kJ/h / 320BTU/h	367 kJ/h / 348 BTU/h	367 kJ/h / 348 BTU/h	367 kJ/h / 348 BTU/h	281 kJ/h / 266 BTU/h	360 kJ/h / 341 BTU/h	324 kJ/h / 307 BTU/h	364 kJ/h / 345 BTU/h	320 kJ/h / 304 BTU/h
Average (S0, running OS, Idle mode)	220 kJ/h / 208 BTU/h	216 kJ/h / 205 BTU/h	155 kJ/h / 147 BTU/h	169 kJ/h / 160 BTU/h	169 kJ/h / 160 BTU/h	195 kJ/h / 184 BTU/h	191 kJ/h / 181 BTU/h	162 kJ/h / 154 BTU/h	187 kJ/h / 177 BTU/h	162 kJ/h / 154 BTU/h
Stand by (S3, energy saving modus, WOL enabled)	10,5 kJ/H / 9,9 BTU/h	7,9 kJ/h / 7,5 BTU/h	9,7 kJ/h / 9,2 BTU/h	10 kJ/h / 9,6 BTU/h	10 kJ/h / 9,6 BTU/h	7,9 kJ/h / 7,5 BTU/h	5,8 kJ/h / 5,5 BTU/h	5,8 kJ/h / 5,5 BTU/h	6,5 kJ/h / 6,1 BTU/h	6,5 kJ/h / 6,1 BTU/h
Minimum (ACPI status S5, soft off, **WOL enabled**)	6,2 kJ/h / 5,8 BTU/h	5,8 kJ/h / 5,5 BTU/h	4,0 kJ/h / 3,8 BTU/h	4,3 kJ/h / 4,1 BTU/h	4,3 kJ/h / 4,1 BTU/h	5,8 kJ/h / 5,5 BTU/h	5,4 kJ/h / 5,1 BTU/h	5,4 kJ/h / 5,1 BTU/h	6,2 kJ/h / 5,8 BTU/h	5,8 kJ/h / 5,5 BTU/h
1W = 3,6kJ/h, 1W = 3,4121BTU/h										
Noise for standard configuration (HDD, ODD, FDD)	E6400	E6400	Athlon 64 X2 4200+	Athlon 64 X2 4200+	Athlon 64 X2 4200+	E6400	Celeron 430; E6850	Celeron 430; E6850	Celeron 430; E6850	Celeron 430; E6850
A weighted sound **power level Lwad** (in B) / Workplace related A-weighted sound **pressure level LpAm** (in dB(A)), (bystander position) (ISO9296) Operation mode 1: ODD load (Blue angel requirement)	5,0B / 33dB	5,0B / 33dB	4,2B / 28dB	4,2B / 28dB	4,2B / 28dB	5,1B / 37dB	4,7B / 32dB 4,6B / 32dB	4,7B / 32dB 4,6B / 32dB	4,7B / 32dB	4,7B / 32dB
Operation mode 2: HDD load (Blue angel requirement)	3,7B / 23dB	3,7B / 23dB	3,8B / 23dB	3,8B / 23dB	3,8B / 23dB	3,7B / 22dB	3,7B / 22dB 3,4B / 18dB	3,7B / 22dB 3,4B / 18dB	3,5B / 20dB 3,6B / 20dB	3,5B / 20dB 3,6B / 20dB
Operation mode 3: CPU 90% load (Blue angel requirement)	3,7B / 22dB	3,7B / 22dB	3,5B / 21dB	3,5B / 21dB	3,5B / 21dB	3,6B / 21dB	3,3B / 17dB 3,6B / 20dB	3,3B / 17dB 3,6B / 20dB	3,3B / 17dB 3,6B / 21dB	3,3B / 17dB 3,6B / 21dB
Operation mode 4: High load	3,7B / 22dB	3,7B / 22dB	4,0B / 25dB	4,0B / 25dB	4,0B / 25dB	3,8B / 23dB	3,7B / 22dB 3,9B / 21dB	3,7B / 22dB 3,9B / 21dB	3,6B / 20dB 3,7B / 22dB	3,6B / 20dB 3,7B / 22dB
Operation mode 5: Office applications	3,6B / 21dB	3,6B / 21dB	3,8B / 23dB	3,8B / 23dB	3,8B / 23dB	3,7B / 22dB	3,7B / 21dB 3,5B / 23dB	3,7B / 21dB 3,5B / 23dB	3,5B / 20dB 3,7B / 21dB	3,5B / 20dB 3,7B / 21dB
Idle mode (Blue angel requirement)	3,5B / 20dB	3,5B / 20dB	3,6B / 21dB	3,6B / 21dB	3,6B / 21dB	3,5B / 20dB	3,4B / 17dB 3,4B / 17dB	3,4B / 17dB 3,4B / 17dB	3,3B / 16dB 3,4B / 17dB	3,3B / 16dB 3,4B / 17dB
Ambient temperature (IEC 721)	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C	15°C'- 35°C
Dimensions (H x W x D)	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm	100 x 340 x 380 mm
Operating position (vertical/horizontal)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)	x / x (no feet needed)
Weight (depending on config)	approx. 10 kg	approx. 10 kg	approx. 10 kg	approx. 10 kg	approx. 10 kg	approx. 10 kg	approx. 10 kg	approx. 10 kg	approx. 10 kg	approx. 10 kg
Approvals and standards										
CE certification — according to EU Directives 89/336/EEC (EMC) and 06/95/EC (Product safety)	x	x	x	x	x	x	x	x	x	x
Ergonomics — ISO9241 (GS mark)	x	x	x	x	x	x	x	x	x	x
Product safety — IEC60950, EN60950, UL 60950, CSA22.2, UL 60950, CSA22.2, No.60950	x	x	x	x	x	x	x	x	x	x
Electromagn. compatibility — EN55022/B, FCC class B, EN55024, EN61000-3-2/3	x	x	x	x	x	x	x	x	x	x

	E5915	E5916	E5615, EPA	E5615	E5616	E5710	E5720	E5720, EPA	E5925 vPro	E5925 vPro, EPA
Environmental compatibility										
RoHS (Restriction of hazardous substances)	x	x	x	x	x	x	x	x	x	x
WEEE (Waste electrical and electronical equipment)	x	x	x	x	x	x	x	x	x	x
Energy Star	-	-	x (4.0)	-	-	-	-	x (4.0)	-	x (4.0)
Blue Angel 2007	x	x (iAMT disabled)	x	x	x	x	x	x	x	x
Nordic Swan	x	x	x	x	x	x	tbd	tbd	tbd	tbd
Med certification according to EN60950 and EN60601-1-	x	-	-	-	-	-	-	-	tbd	tbd
Software (compatibility / preinstalled)										
Microsoft Windows 2000	x / -	x / -	x / -	x / -	x / -	x / -	for projects	for projects	for projects	for projects
Microsoft Windows XP Home	x / -	x / -	x / -	x / -	x / -	x / -	x / -	x / -	x / -	x / -
Microsoft Windows XP Professional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / -	x / -	x / -	x / -
Microsoft Windows XP Professional x64 Edition	x / -	x / -	x / -	x / -	x / -	x / -	x / -	x / -	x / -	x / -
Microsoft Windows Vista® 32bit	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional
Microsoft Windows Vista® 64bit	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional
Microsoft Windows Vista® Basic Logo (min. 512MB RAM necessary)	x	x	x	x	x	x	x	x	x	x
Microsoft Windows Vista® Premium Logo (min. 1GB RAM and Dual Channel memory necessary)	x	x	x	x	x	-	x	x	x	x
Linux certified	Novell SLED10	-	Novell SLED10	Novell SLED10	-	-	tbd	tbd	tbd	tbd
Additional Software										
Recovery DVD (Microsoft Windows XP / Vista)	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	optional	optional	optional	optional
Drivers and Utility DVD (DUDVD) (Microsoft Windows XP / Vista)	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional	x / optional
XONTROL (noise reduction for optical drives)	x	x	x	x	x	x	x	x	x	x
SafeStandby (only Windows XP)	x	x	-	-	x	x	-	-	-	-
Others										
Thermal Management	x	x	x	x	x	x	x	x	x	x
Keyboard on (Fujitsu Siemens Computers keyboard required)	x	x	x	x	x	x	x	x	x	x
Spare part availability	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years
Compatibility (references)										
Microsoft Operating Systems (HCT / HCL entry)	x	x	x	x	x	x	x	x	x	x
PC 2001, DMI 2.0, WMI 1.5, USB 2.0	x	x	x	x	x	x	x	x	x	x
Manageability										
ASF 2.0 (Alert Standard Format)	x	x	-	-	-	-	x	x	x	x
iAMT Intel Active Manageability Technology (not activated, not provisioned, for Win XP Prof and Vista Business only)	-	x (v. 2.x)	-	-	-	-	-	-	x (v.3.0)	x (v. 3.0)
DeskView 10.x client management including:										
On/Offline remote client management	x	x	x	x	x	x	x	x	x	x
Detailed system inventory management and reports	x	x	x	x	x	x	x	x	x	x
BIOS Management	x	x	x	x	x	x	x	x	x	x
Remote power management	x	x	x	x	x	x	x	x	x	x
System notifications	x	x	x	x	x	x	x	x	x	x
Advanced alerts (ASF implementation)	x	x	-	-	-	-	x	x	x	x
Security Remote Control	x	x	x	x	x	x	x	x	x	x
DeskView Helpdesk Integration	x	x	x	x	x	x	x	x	x	x
DeskUpdate Driver management	x	x	x	x	x	x	x	x	x	x
DeskView Migrate	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
DeskView Control	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
PXE 2.1 Boot code	x	x	x	x	x	x	x	x	x	x
BootP Boot Code including Bootmanage Administrator Software	tested	tested	tested	tested	tested	tested	tested	tested	tested	tested
Wake up from S5 (off mode)	x	x	x	x	x	x	x	x	x	x
Intrusion switch	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Security										
Physical Security implemented in the cabinet										
Prepared for Kensington lock, eye for padlock	x	x	x	x	x	x	x	x	x	x
Integrated cabinet lock	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
System Security										
Boot sector virus protection	x	x	x	x	x	x	x	x	x	x
Write protect option for the Flash EPROM	x	x	x	x	x	x	x	x	x	x
Embedded security (TPM1.2)	x	x	-	-	x	optional	x	x	x	x

	E5915	E5916	E5615, EPA	E5615	E5616	E5710	E5720	E5720, EPA	E5925 vPro	E5925 vPro, EPA
Control of all USB interfaces / external USB interfaces detachable separately	x / x	x / x	x / -	x / -	x / -	x / -	x / x	x / x	x / x	x / x
Boot protection for floppy disk/CD drive and write protection for floppy disk drive	x	x	x	x	x	x	x	x	x	x
Control of external interfaces	x	x	x	x	x	x	x	x	x	x
User Security										
User and supervisor BIOS password	x	x	x	x	x	x	x	x	x	x
SystemLock 2 BIOS SmartCard Security	x	x	x	x	x	x	x	x	x	x
Hard disk password	x	x	x	x	x	x	x	x	x	x
Access protection via external SmartCard reader	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Access protection via internal SmartCard reader	optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
Serviceability										
FlexySlot	x	x	x	x	x	x	x	x	x	x
EasyFix	x	x	x	x	x	x	x	x	x	x
EasyChange (for HDD / for optical drives)	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x	x / x
EasyPull	x	x	x Limited configu-rations	x	x	x	x	x Limited configu-rations	x	X Limited configu-rations

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